Science Data Systems Branch Branch Technical Review

Bob Lutz - Associate Branch Head 28 August 2003 Science Data Systems Branch

Breakdown of Project Support

44

GS-14

Staffing Profile

Key Skills

Computer Science

System Engineering

Software Engineering

Data Valid as of 10 August 2003

Civil Servants

Median Grade

SDO LDCM Aura

Flight SW

SWIFT

GMSEC

Flight Projects

Other Support

IMDC

SOMO

Hubble Space Telescope

HQ/S

Space Science

Lab for High Energy Astrophysics Branch Management

> DAAC Operations

> > **ECHO**

External Development Interface Office

ESDIS

EDOS

SEEDS

NSSDC

NPP Earth Science

GMAO

Science Data Processing System

LIS

NOAA/Fire Prod

Healthy Planet

Sensor Web

GDAAC



FTE Breakdown

Administration	3.4
DAAC Ops	2.7
ECHO	0.8
EDIO	2.8
EDOS	1
SEEDS	1.1
SSDO/SDPS	6.3
GDAAC	1.8
IR&D 2003	3.3
GMAO	1
Healthy Planet	0.5
NOAA Fire Det	1.1
Land Info System	1
NPP/SDS	1.8
NSSDC	1.9
LEP/LHEA	2.7
HST/NGST	1.8
IMDC	0.4
SOMO	1
HQ Detail	1



External Project Status

Project	May	Jun	Jul	Last Presented	Notes
DAAC Ops	Υ	Υ	Υ	28 Mar 2002	Working on-going staffing problems w / 581
EDG/ECHO	G	G	G	28 Aug 2001	ECHO 5.0 will go operational Aug 29
EDIO/SIPS	Υ	Υ	G	28 Aug 2003	Heavy workload due to staffing, OMI
EDOS	G	G	G	27 Jun 2001	C4 operations functioning nominally
ECS SDPS (SSDO)	G	G	G	27 Jun 2001	Completing Navigation Discovery client
GDAAC	G	G	G	24 Jan 2002	MODIS processing back on schedule
HST/JWST	G	G	G	23 Oct 2001	Definition of the FY04 STScI budget for Science Ops
IMDC	G	G	G		No activity at this time
LDCM	G	G	G	28 Aug 2001	Decision pending on whether to select a contractor
LEP/LHEA	G	G	G	26 Sep 2002	Will transition work over to MMS (E. Ho)
LIS	G	G	Υ		SE metrics on schedule; concerns over FCA
NPP SDS	Υ	Υ	STOP ?	24 Jan 2001	NPP SDS budget has been moved out of ESDIS
NSSDC	G	G	G		Initiating SOAP-based web services for file conversions
SEEDS	G	G	G		May be folded into ESDIS evolution
SOMO Legacy	G	G	G		
Swift	G	G	G		Going to launch readiness phase



Internal Project Status

Project	May	Jun	Jul	Last Presented	Notes
Adv Data Grid Prototype	G	G	G	28 Mar 2002	Work will be presented at GC Conf Dec '03
Fire Detection (NOAA/NASA)	G	G	G		Optimistic for follow-on funding
Glory (CAPS) Data System			NEW		Preliminary meetings w/ project manager, PI
GMAO Toolkit	G	G	G		R. Mullinix PIP work, presented 8/26
GMSEC	G	G	G		Varying degrees of interest among scientists
Healthy Planet	G	STOP			Funding cut - E. Ho reassigned to MMS
IR&D FY03	G	G	G		Final delivery scheduled for 9/30
LWS Data System			NEW		Other ESDIS staff may join North's team
RASC	G	G	G		Briefed Codes A,B,M,S on 8/20
Weather Study II	G	G	Υ	24 Jul 2002	Final report is 2 months late

